

Attorney Docket No.: DEX-0113
Inventors: Yang et al.
Serial No.: 09/700,770
Filing Date: January 16, 2001
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Amendments to the claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 4.

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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): A method for ~~diagnosing~~ detecting the presence of lung cancer in a patient comprising:

(a) measuring ^{the} ~~levels~~ of ~~Lung Specific Gene~~ (a) polynucleotide comprising SEQ ID NO: 2, 3, 4, 5 or 6 in a sample of cells, tissue or bodily fluid obtained from the patient; and

B₁ (b) comparing the measured ^{the} ~~levels~~ of ~~Lung Specific Gene~~ the polynucleotide in the patient with ^{the} ~~levels~~ of ~~Lung Specific Gene~~ the polynucleotide in a sample of cells, tissue or bodily fluid obtained from a control, wherein an increase in ^{the} ~~measured levels~~ of ~~Lung Specific Gene~~ the polynucleotide in the patient versus the ~~Lung Specific Gene~~ polynucleotide ^{the} ~~levels~~ in the control is associated with the presence of lung cancer and wherein the Lung Specific Gene comprises SEQ ID NO: 2, 3, 4, 5, or 6.

Claims 2-5 (canceled)

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B₁ Claim 6 (currently amended): The method of claim ~~1, 2, 3, 4,~~
~~or 5~~ wherein the ~~lung specific gene~~ polynucleotide comprises SEQ ID
NO: 3 or 6.

Claim 7 (new): The method of claim 1 wherein the
polynucleotide comprises SEQ ID NO:3.
